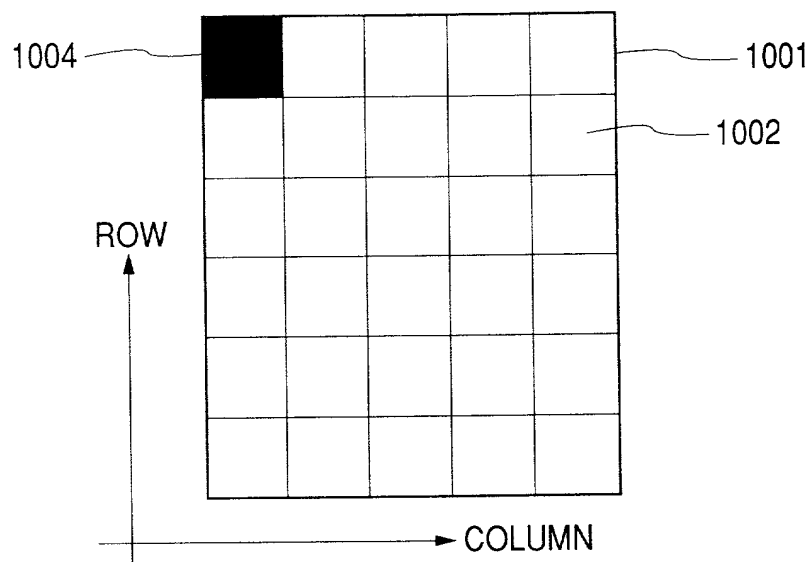


**FIG. 1**



**FIG. 2**

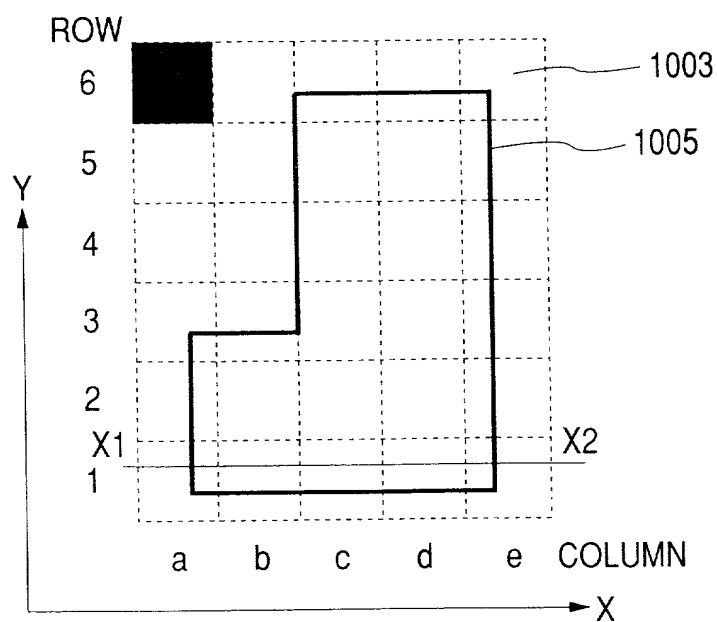


FIG. 3

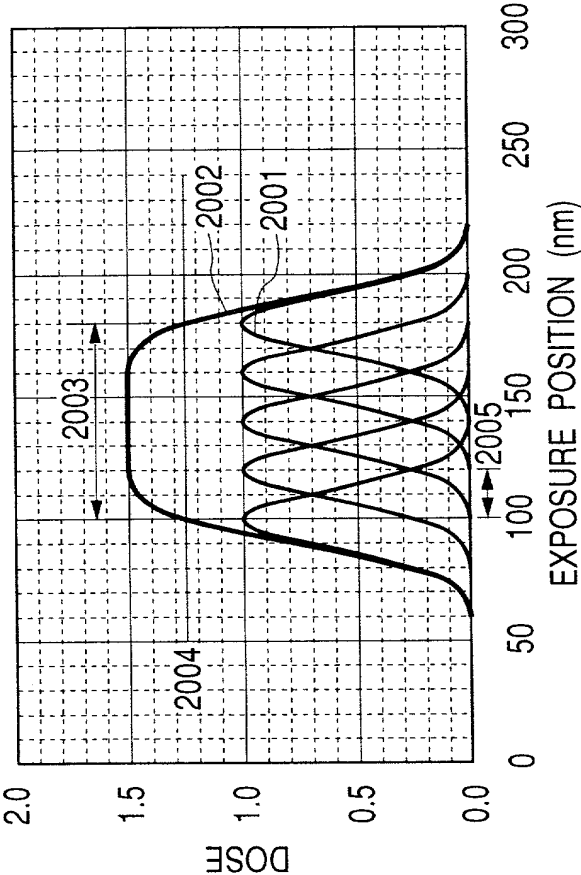
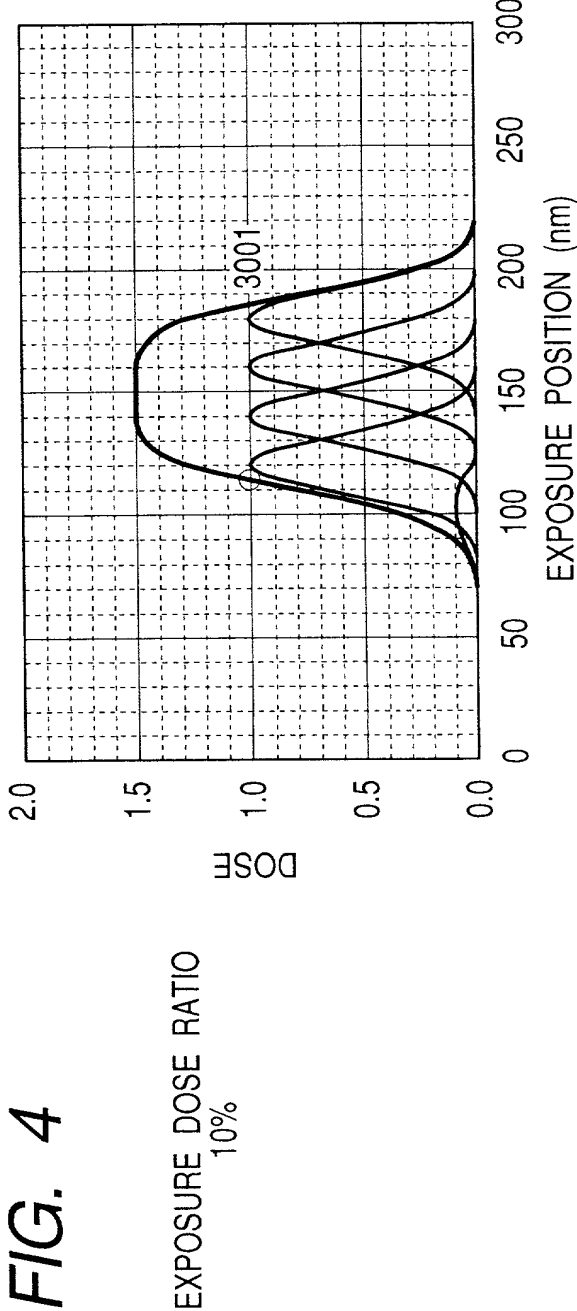


FIG. 4



EDGE POSITION  
115nm

FIG. 5

EXPOSURE DOSE RATIO  
30%

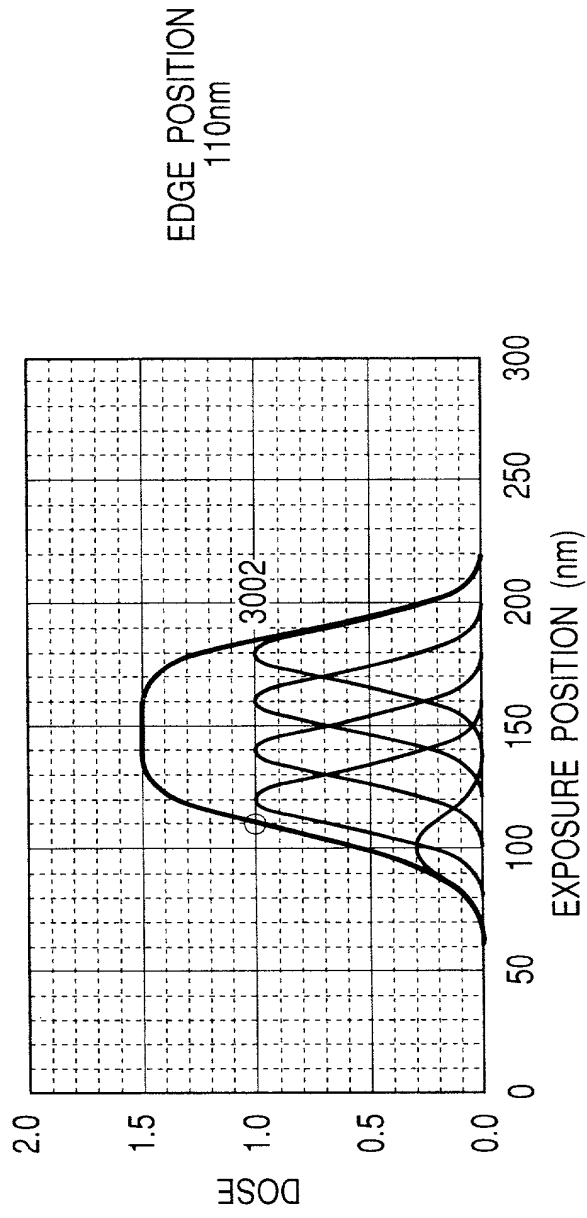
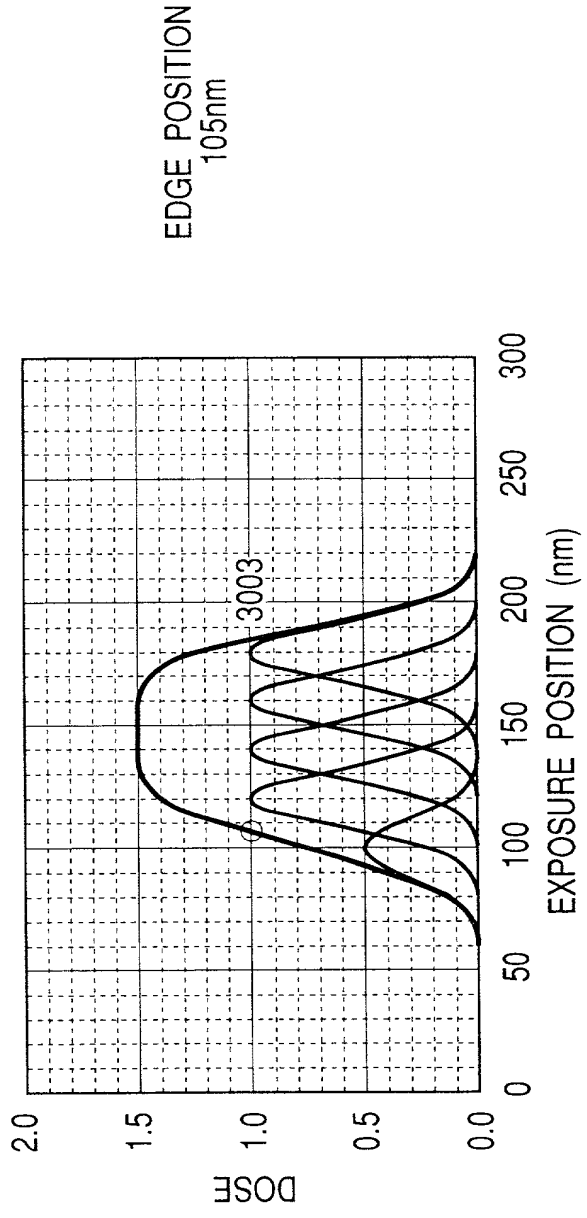
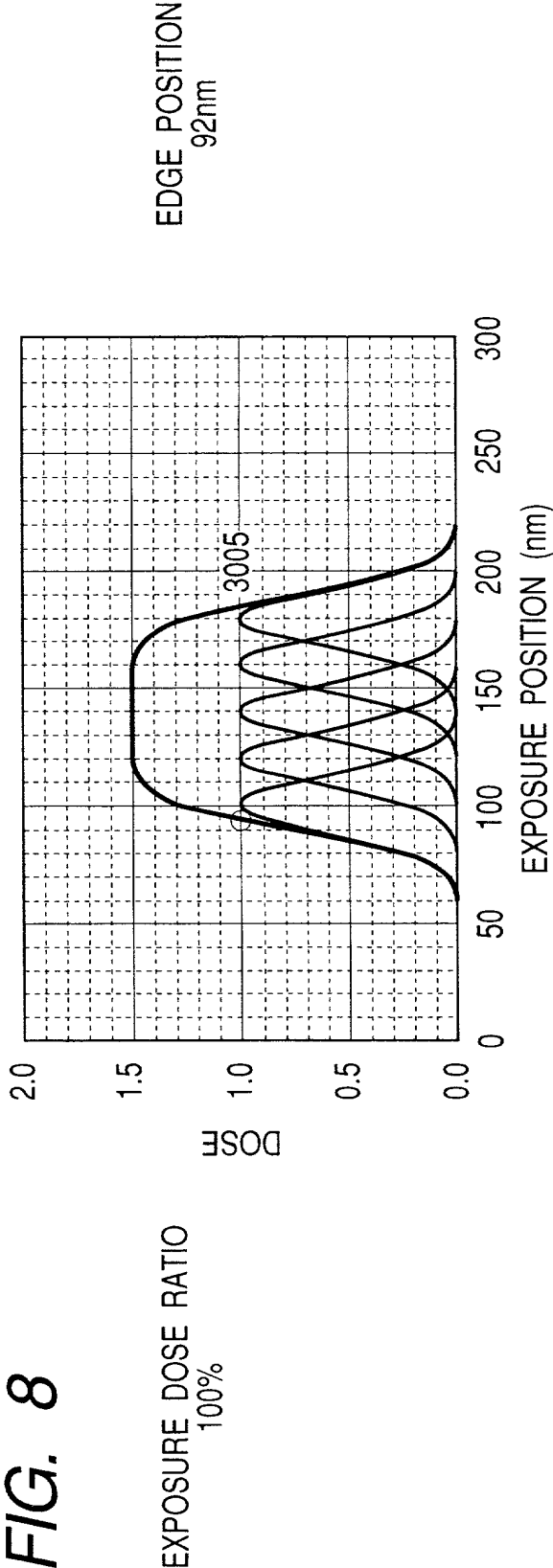
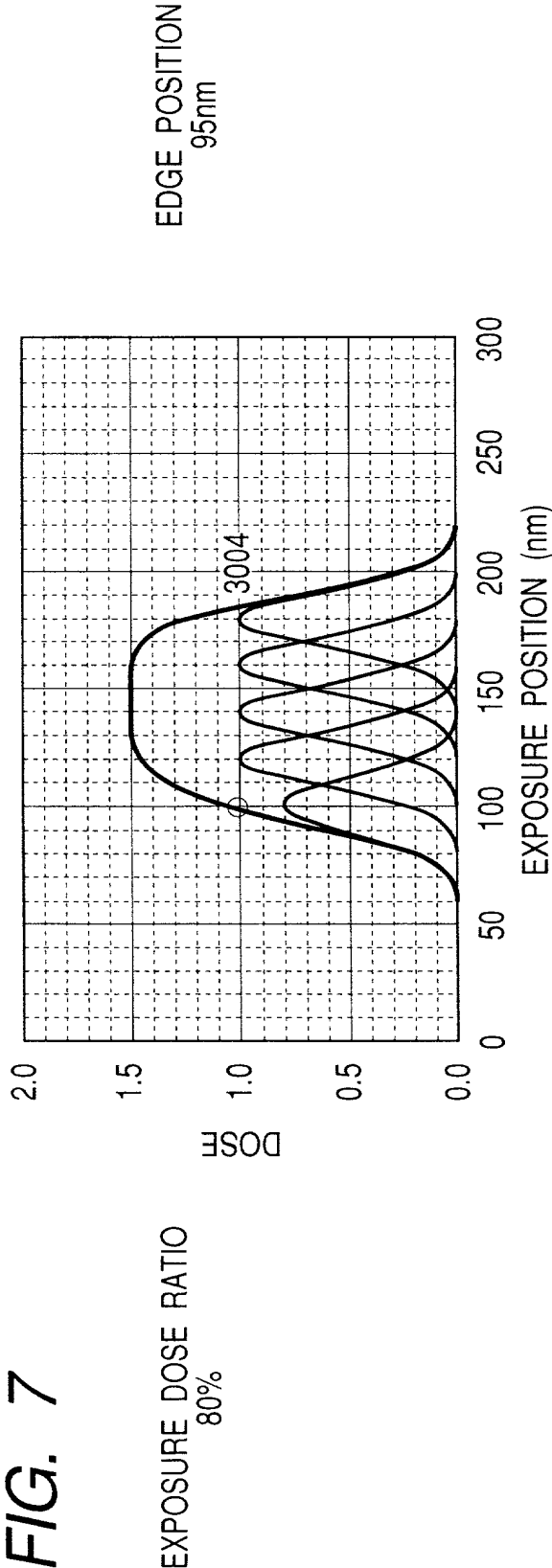
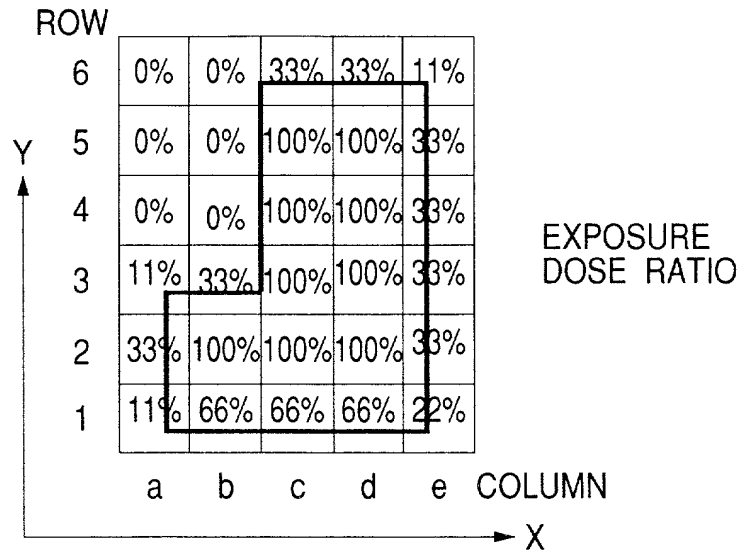
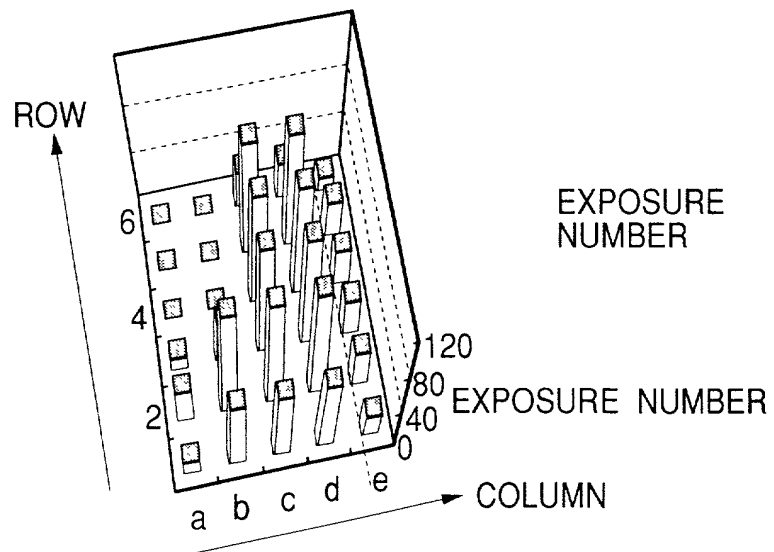


FIG. 6

EXPOSURE DOSE RATIO  
50%





*FIG. 9**FIG. 10*

**FIG. 11**

ROW

6	0	0	33	33	11
5	0	0	100	100	33
4	0	0	100	100	33
3	11	33	100	100	33
2	33	100	100	100	33
1	11	66	66	66	22

COLUMN

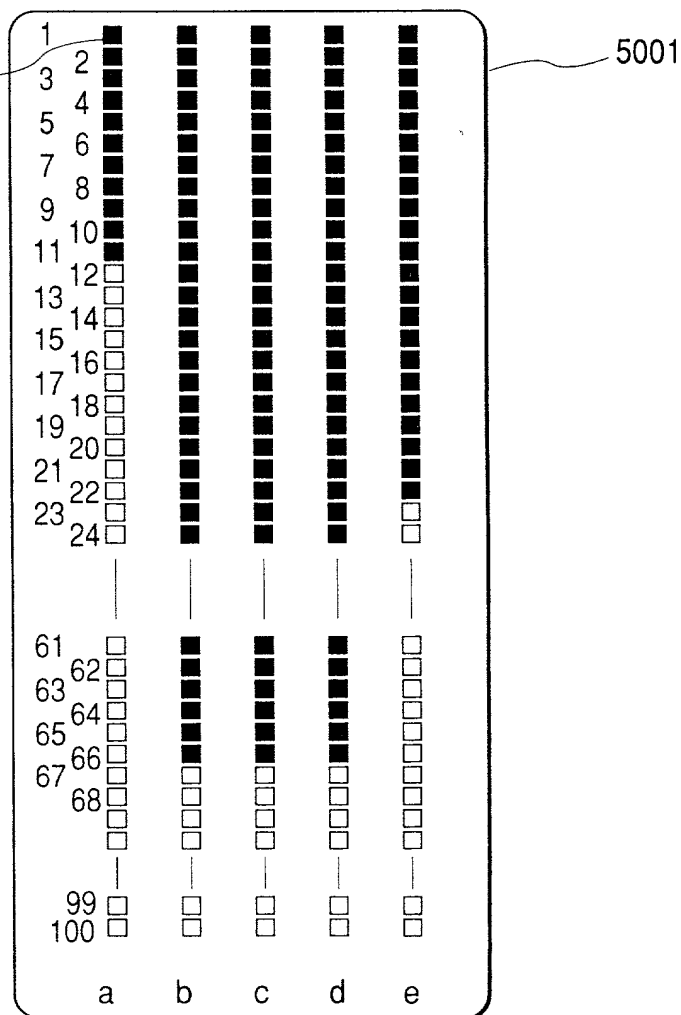
a b c d e

X

Y

**FIG. 12**

CHARGED PARTICLE  
BEAM SOURCE



**FIG. 13**

ROW

6	0	0	33	33	11
5	0	0	100	100	33
4	0	0	100	100	33
3	11	33	100	100	33
2	33	100	100	100	33
1	11	66	66	66	22

COLUMN

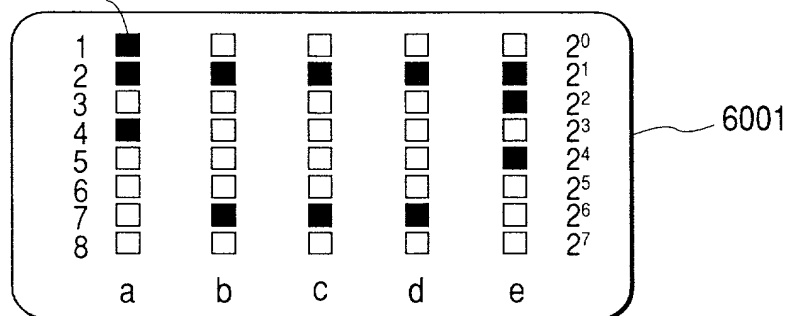
a b c d e

X

Y

**FIG. 14**

CHARGED PARTICLE  
BEAM SOURCE



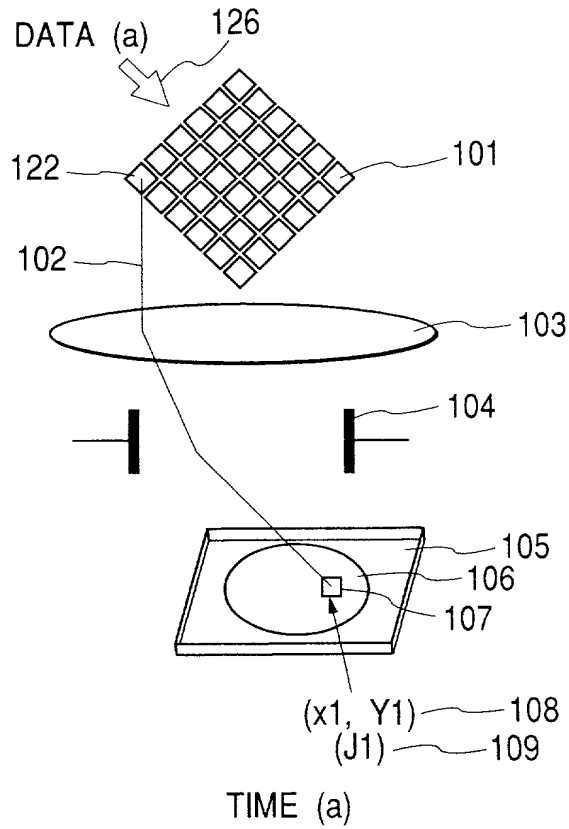
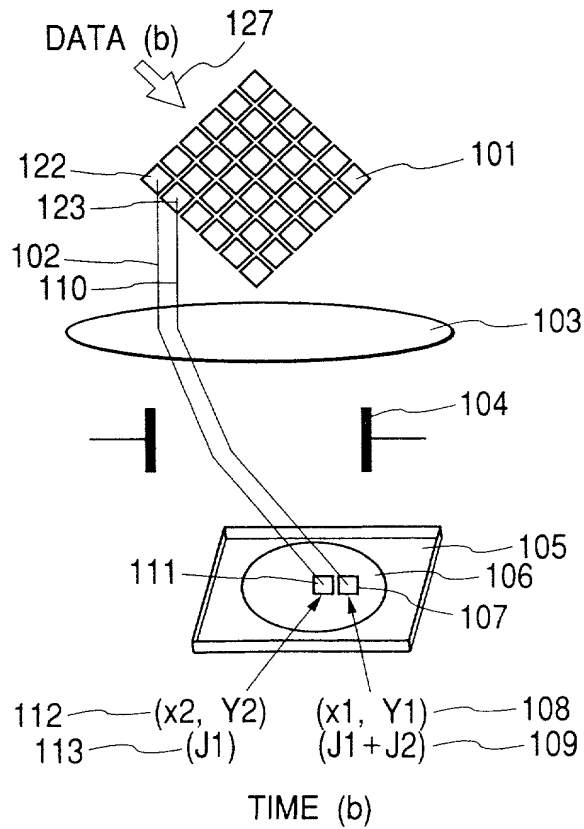
**FIG. 15****FIG. 16**



FIG. 17

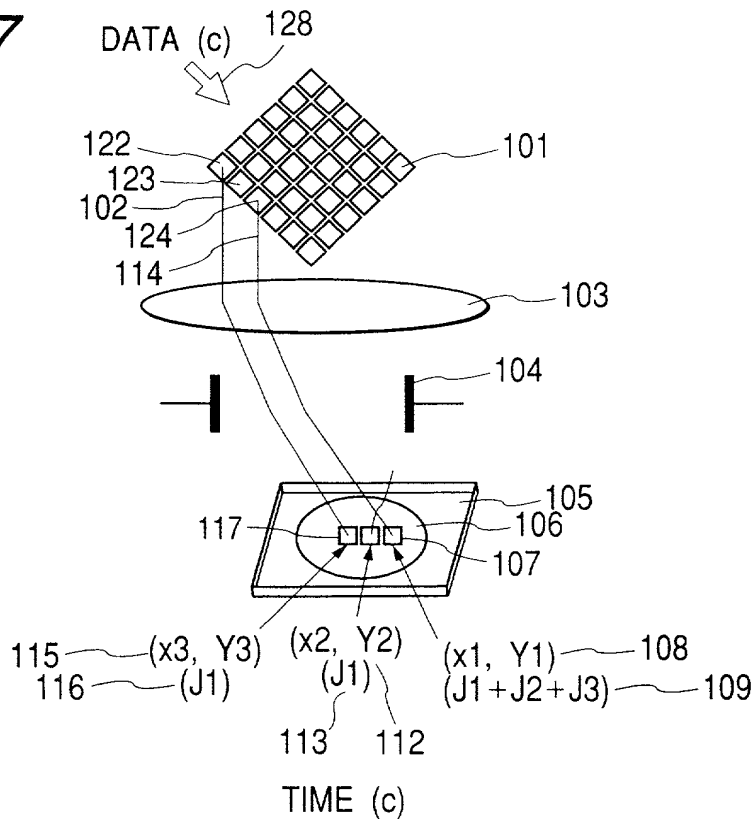
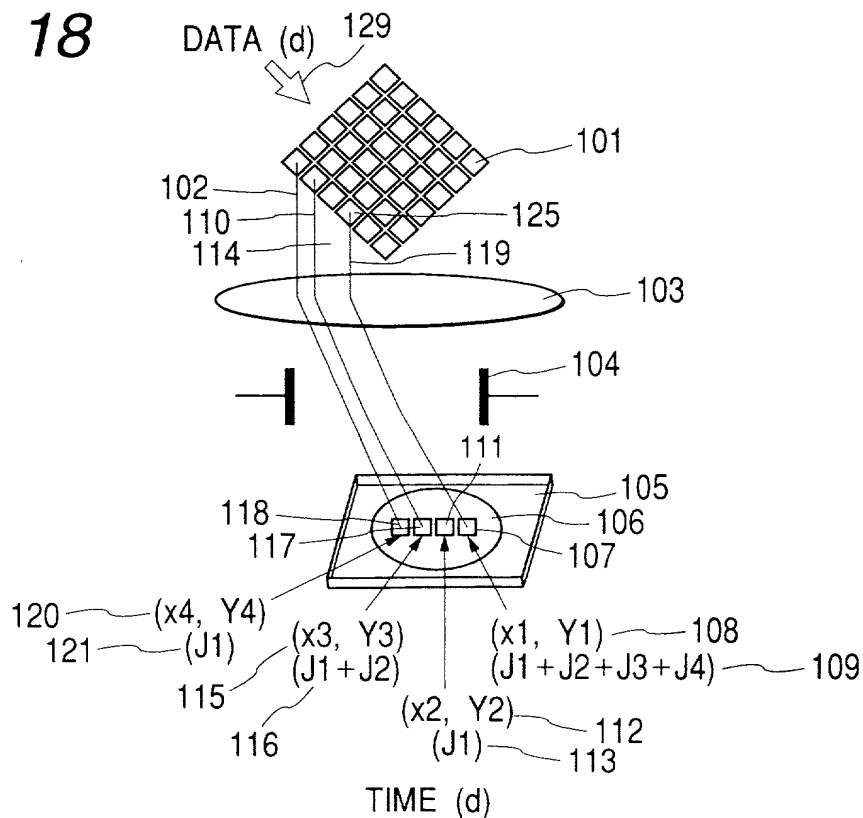
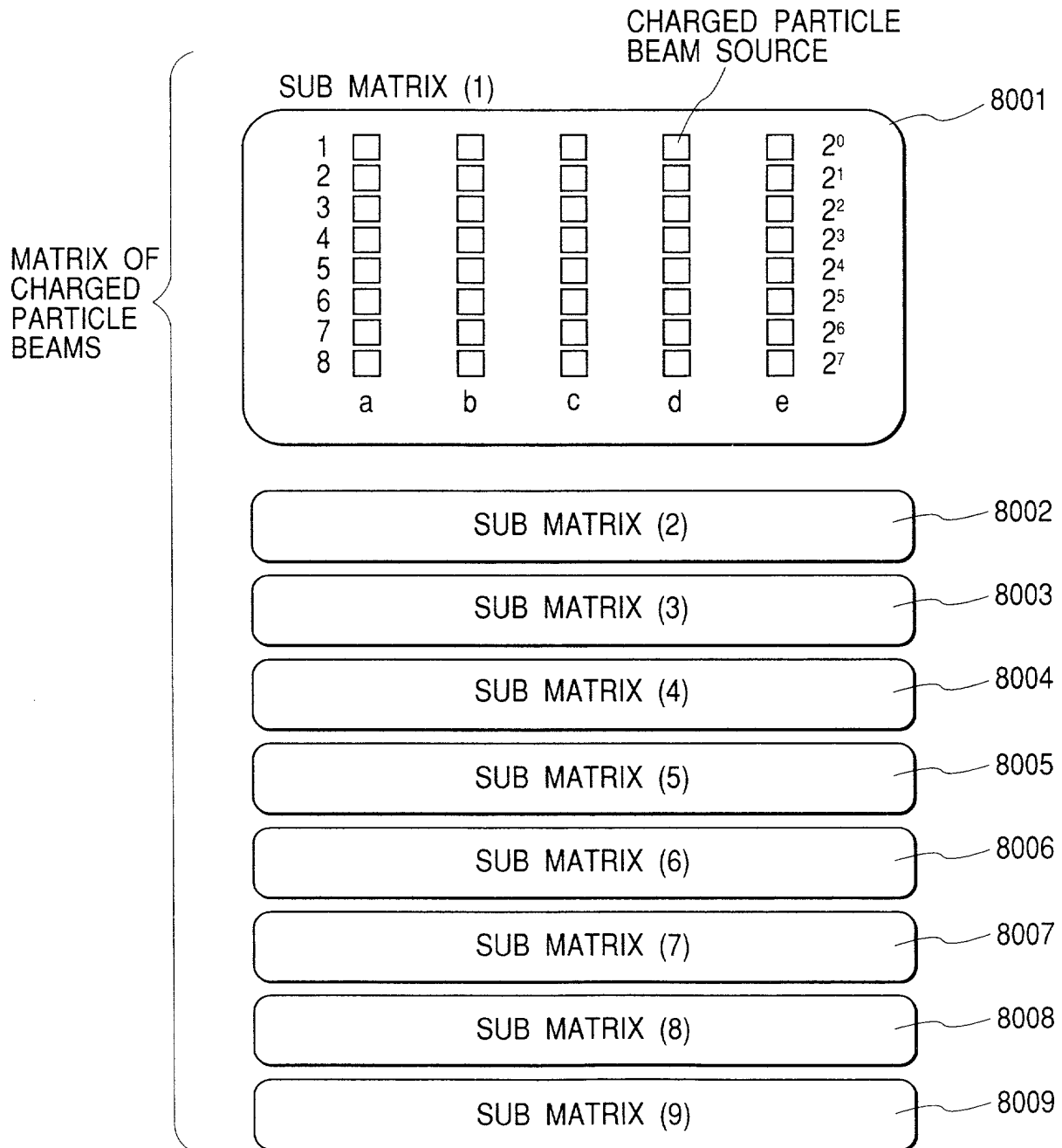
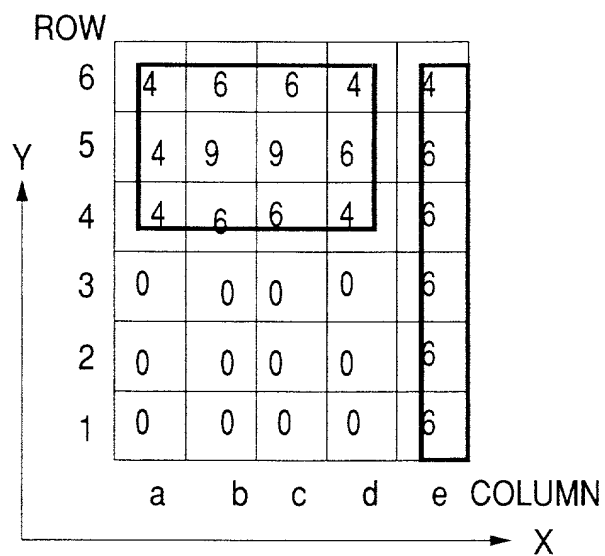


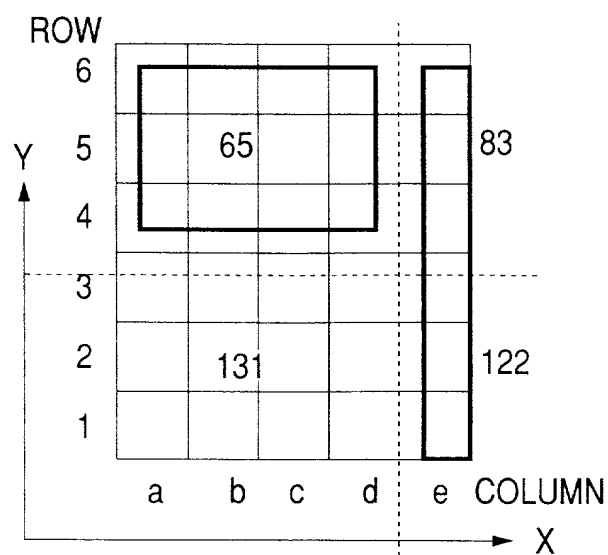
FIG. 18



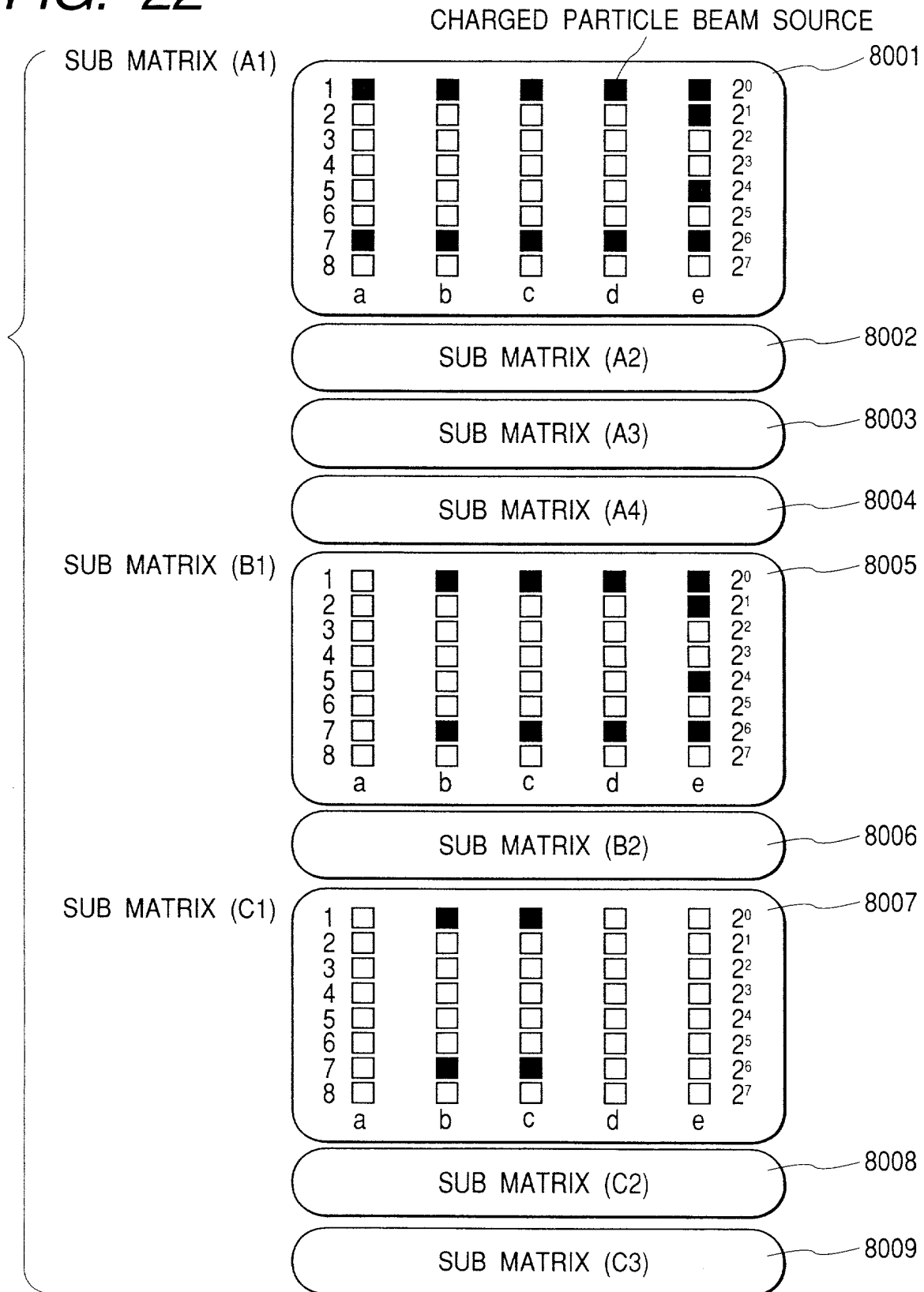
**FIG. 19**

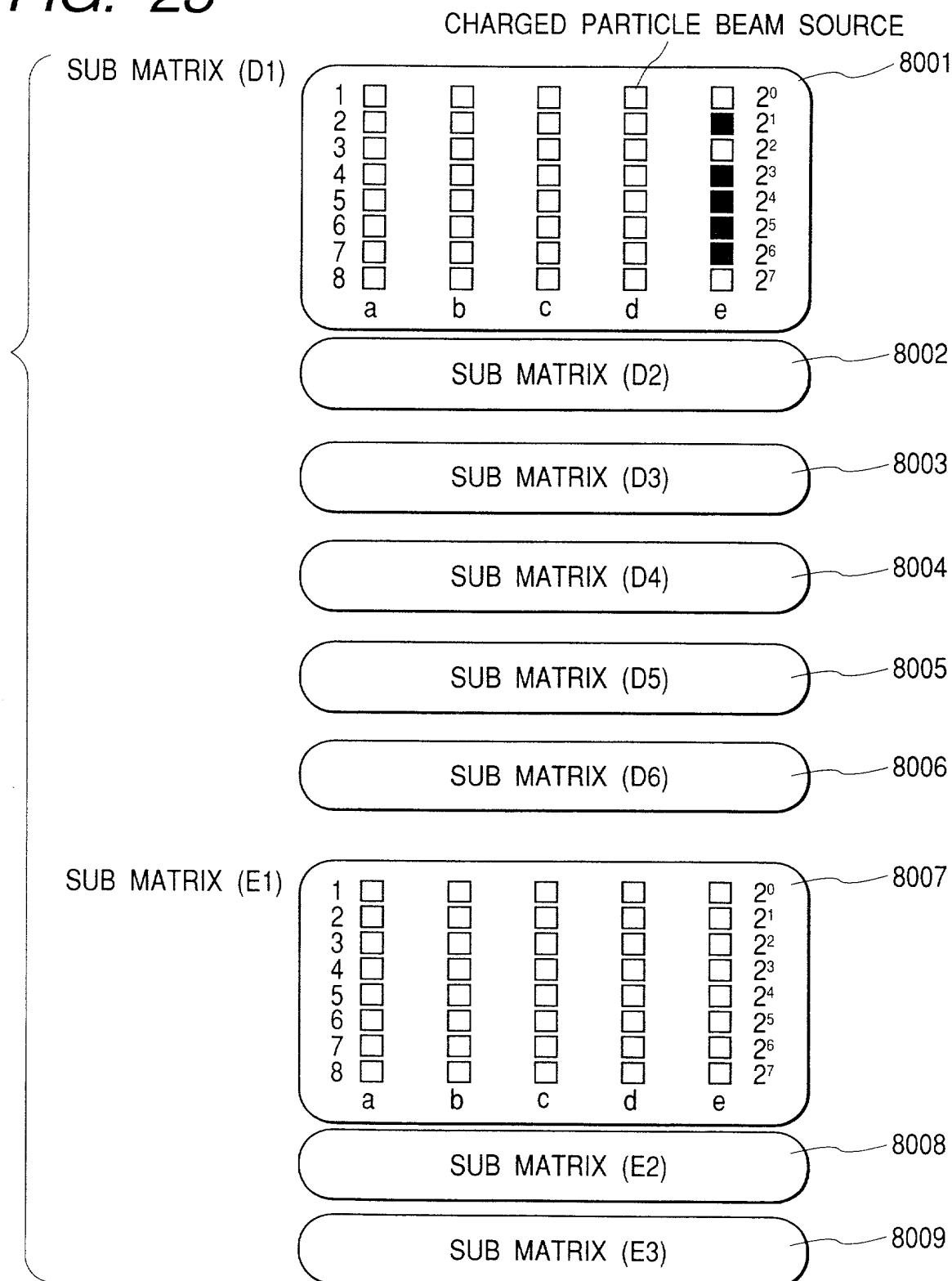
*FIG. 20*

DATA MAP OF EXPOSURE NUMBER

*FIG. 21*

DATA OF EXPOSURE DOSE

**FIG. 22**

**FIG. 23**

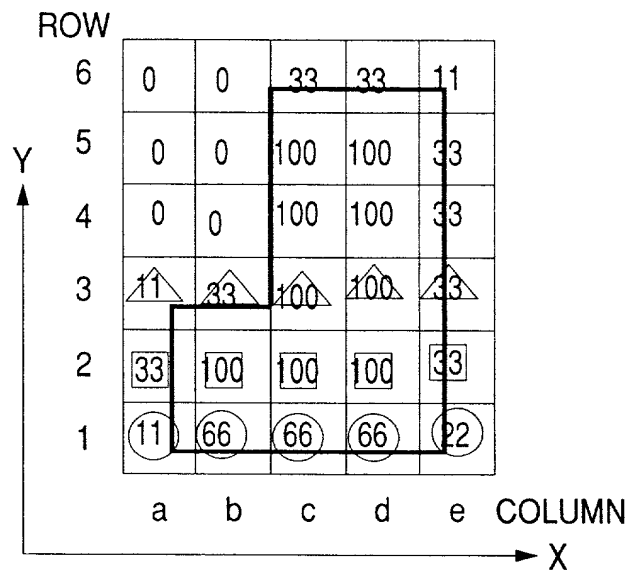
*FIG. 24*

FIG. 25

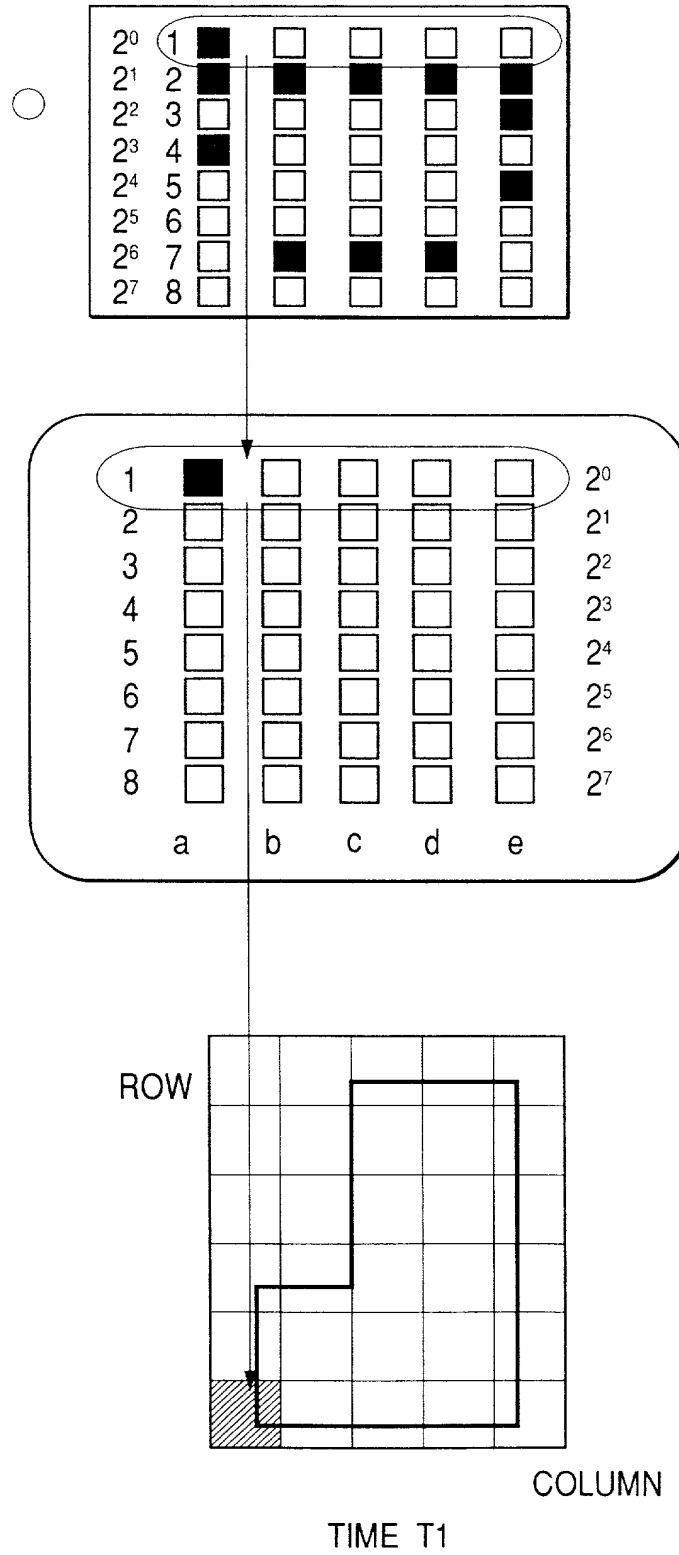


FIG. 26

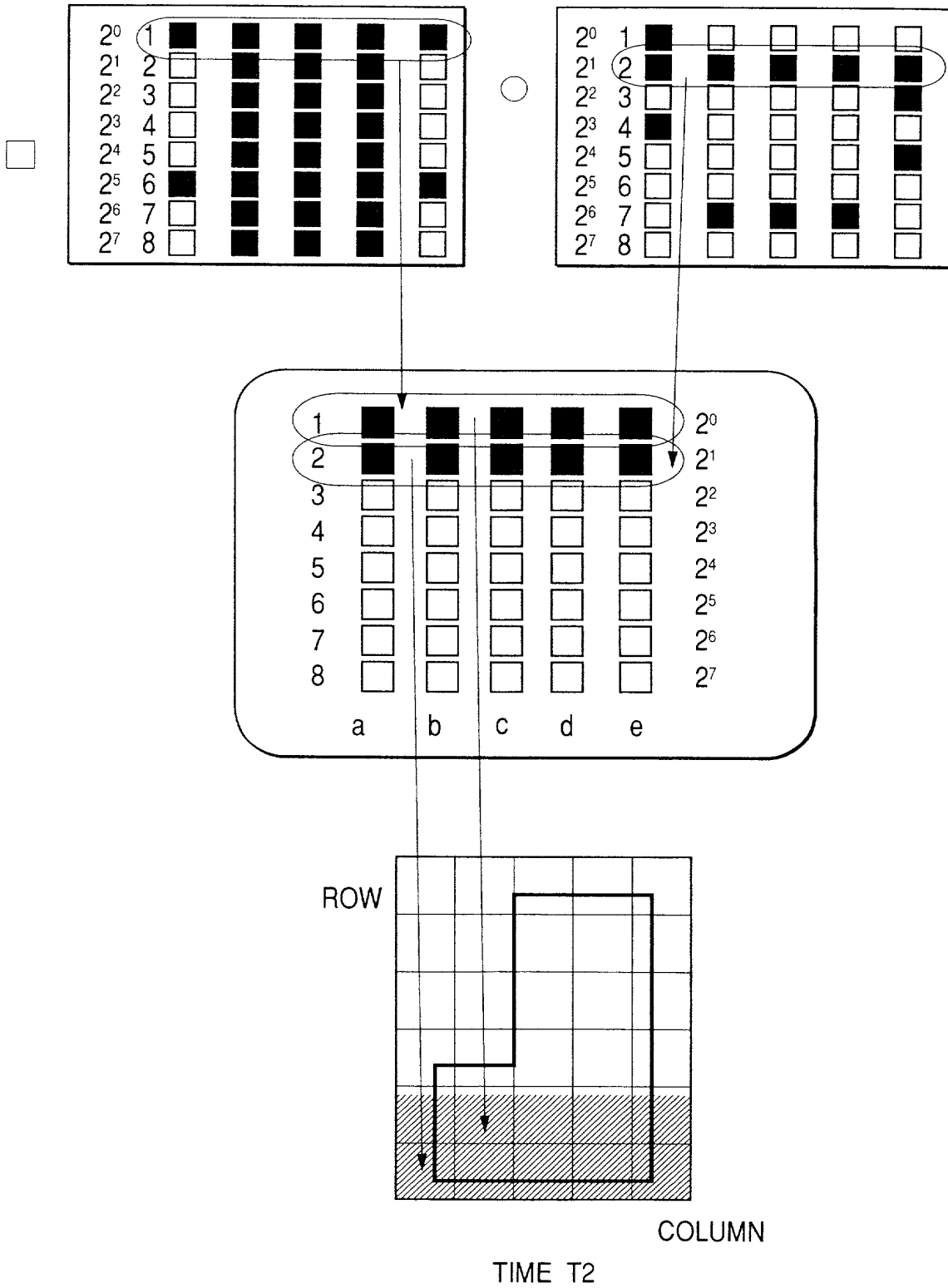




FIG. 27

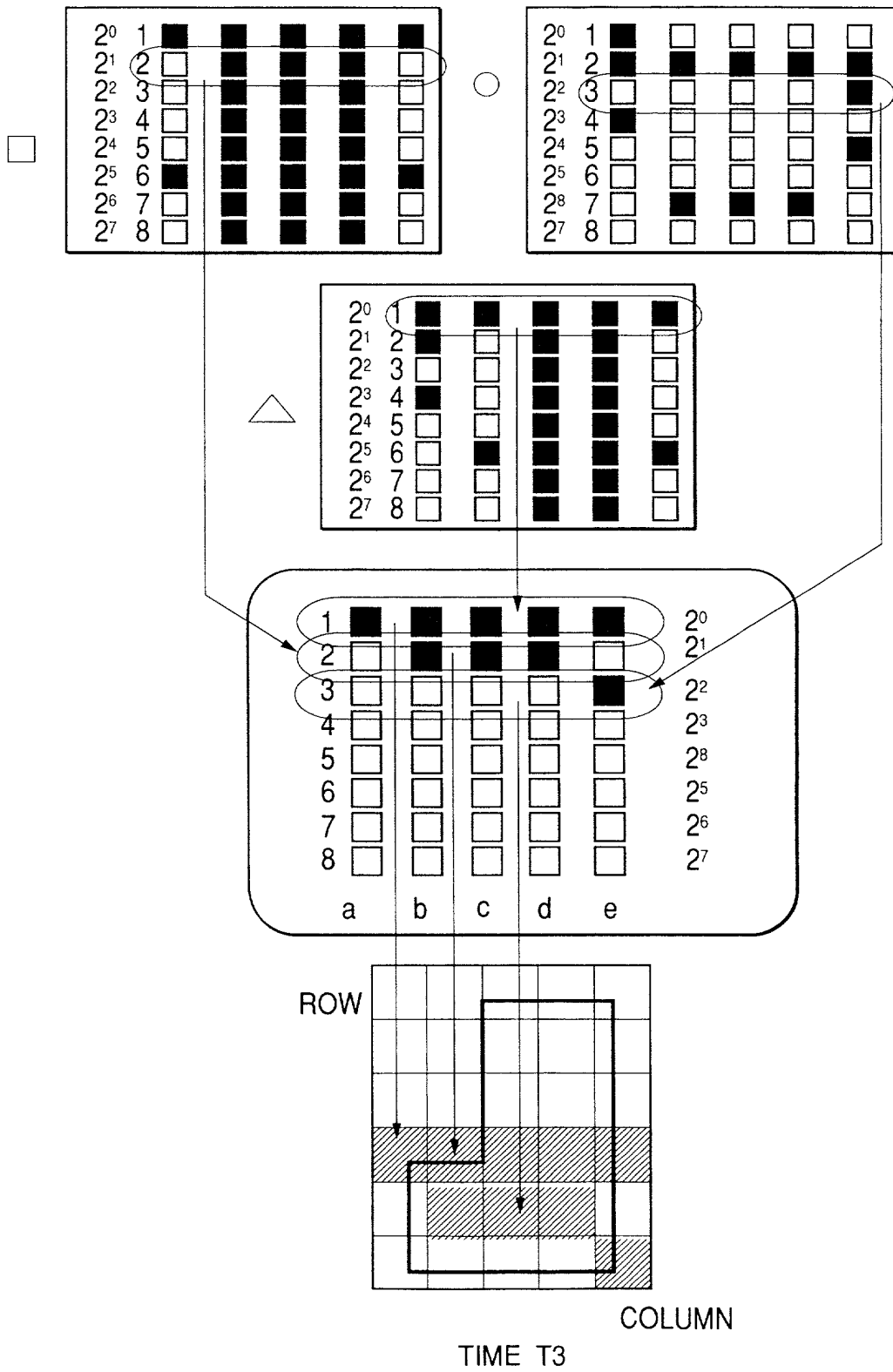


FIG. 28

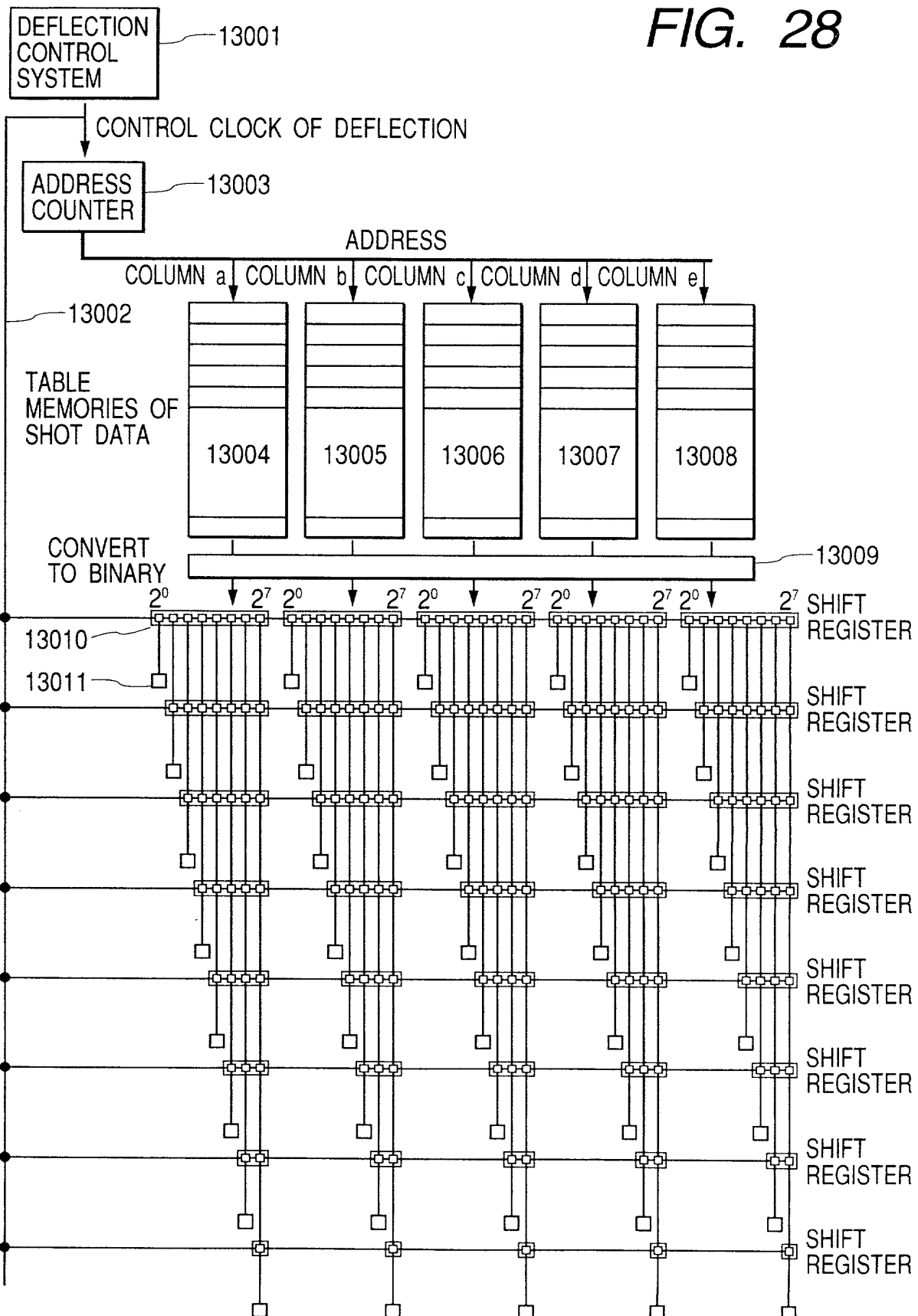
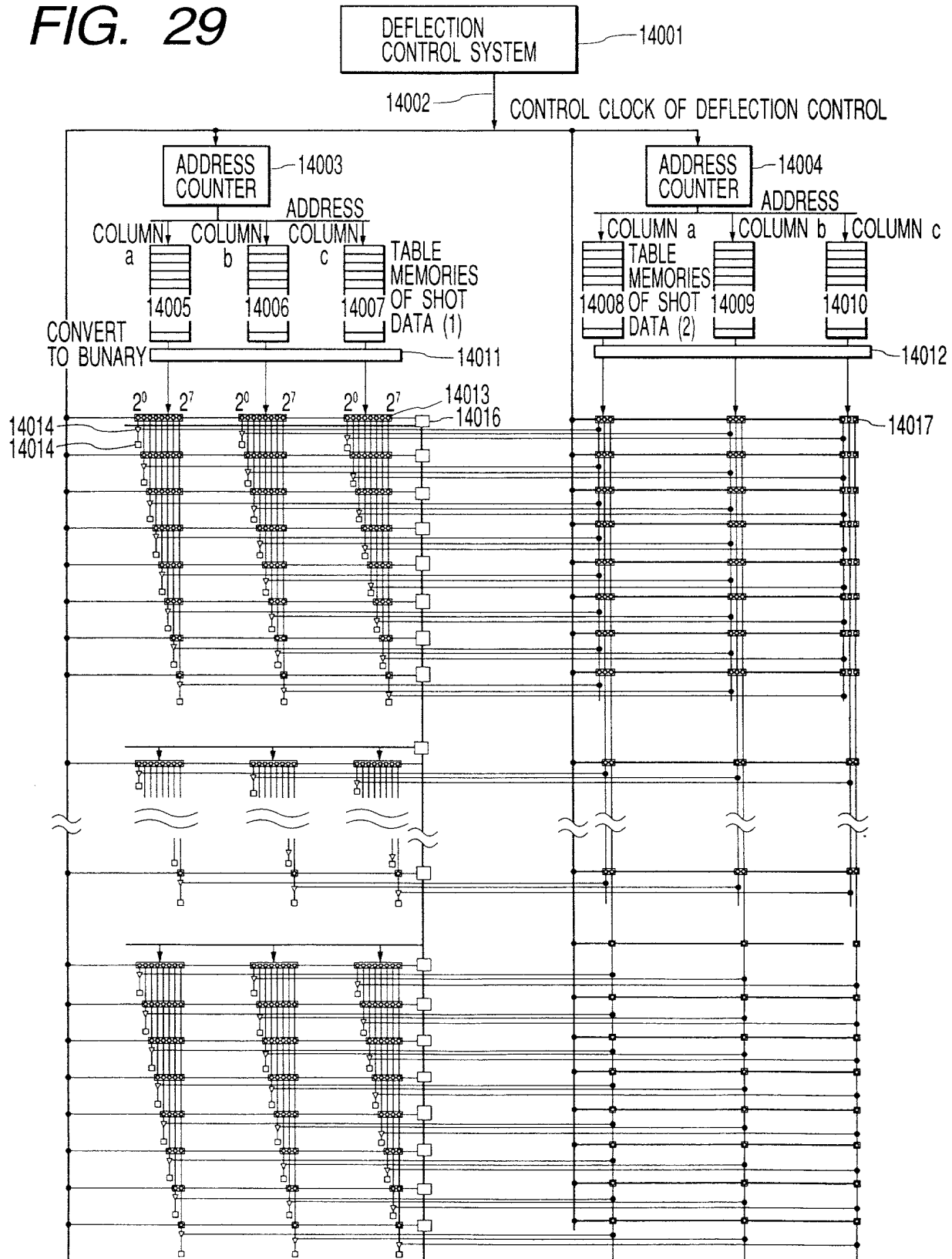
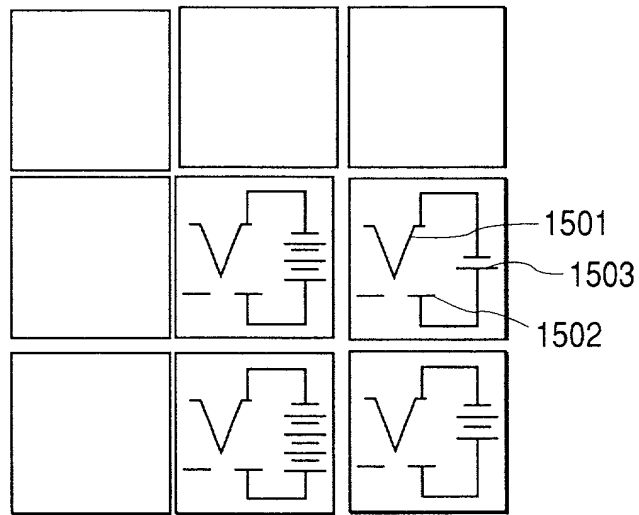


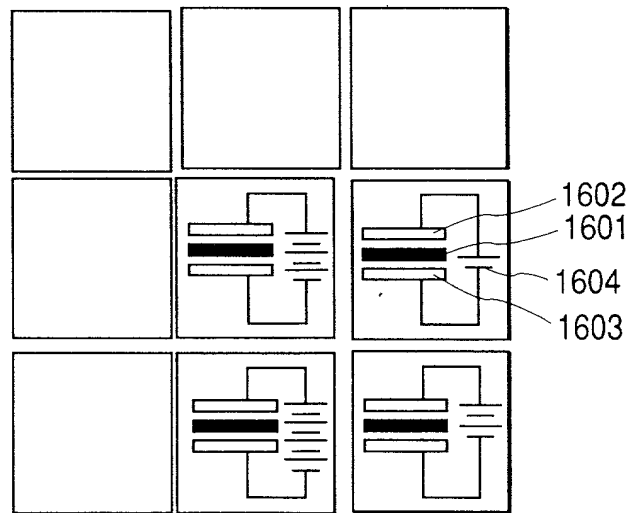
FIG. 29



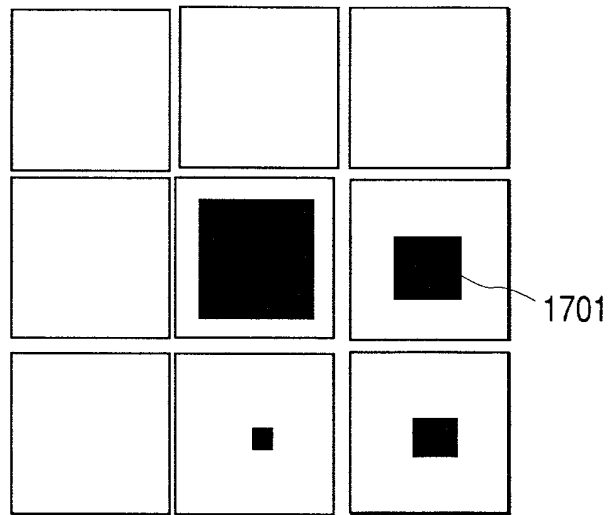
**FIG. 30**



**FIG. 31**



*FIG. 32*



*FIG. 33*

